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WHAT IS CLAIMED IS:

- 1 1. A data duplication method which duplicates data
2 being stored in a storage subsystem connected to a
3 computer, wherein,

4 said computer includes a processor unit and a
5 storing unit, and said processor unit comprises,

6 an identification information reading step which
7 reads out from a storing unit an identification
8 information list in which identification information
9 of each of a plurality of storage media included in
10 the storage subsystem is stored,

11 a first reading step which reads out from the
12 storing unit, the first duplication definition
13 information which stores the identification
14 information with respect to each of the plurality of
15 storage media, and identification information of a
16 copy destination storage medium of each of the
17 plurality of storage media,

18 a first comparing step which compares the
19 identification information list read out in the
20 identification information reading step, and the first
21 duplication definition information read out in the
22 first reading step,

23 an addition step in which if there exists

24 identification information that is stored in the
25 identification information list but not stored in the
26 first duplication definition information in the first
27 comparing step, a copy destination recording medium
28 of the storage medium having the identification
29 information is selected according to a predetermined
30 selection condition, the identification information
31 and the identification information of the copy
32 destination storage medium thus selected are added to
33 the first duplication definition information, and data
34 in the storage medium having the identification
35 information is copied to the copy destination storage
36 medium thus selected, and

37 a deletion step in which if there exists
38 identification information that is not stored in the
39 identification information list but is stored in the
40 first duplication definition information in the first
41 comparing step, the identification information and the
42 identification information of the storage medium,
43 which is a copy destination of the storage medium
44 having the identification information, are deleted
45 from the first duplication definition information, and
46 copying the data of the storage medium having the
47 identification information is stopped.

1 2. A data duplication method according to claim 1,
2 wherein,

3 there exist a plurality of said storage
4 subsystems connected to the computer, and a plurality
5 of said storage subsystems which include said copy
6 destination storage medium.

1 3. A data duplication method according to claim 1,
2 wherein,

3 a second reading step which reads out from said
4 storing unit, the second duplication definition
5 information which stores identification information
6 with respect to each of said plurality of storage media
7 as a copy destination, and identification information
8 of a storage medium as a further copy destination of
9 each of said storage media,

10 a second comparing step which compares the first
11 duplication definition information read out in said
12 first reading step, and the second duplication
13 definition information read out in said second reading
14 step,

15 an addition step in which if there exists
16 identification information that is stored in the first
17 duplication definition information but not stored in
18 the second duplication definition information in the

19 second comparing step, a further copy destination
20 recording medium of the storage medium having the
21 identification information is selected according to
22 a predetermined selection condition, the
23 identification information and the identification
24 information of the further copy destination storage
25 medium thus selected are added to the second
26 duplication definition information, and data in the
27 storage medium having the identification information
28 is copied to the further copy destination storage
29 medium thus selected, and

30 a deletion step in which if there exists
31 identification information that is not stored in the
32 first duplication definition information but is stored
33 in the second duplication definition information in
34 the second comparing step, the identification
35 information and the identification information of the
36 storage medium, which is a further copy destination
37 of the storage medium having the identification
38 information, are deleted from the second duplication
39 definition information, and copying the data of the
40 storage medium having the identification information
41 is stopped.

1 4. A data duplication method according to claim 1,

2 wherein,

3 said selection condition includes information
4 which has caused an error occurred in said addition
5 step.

1 5. A program which duplicates data being stored in
2 a storage subsystem connected to a computer, wherein,
3 said computer includes a processor unit and a
4 storing unit, and said program allows the processor
5 unit to execute,

6 an identification information reading step which
7 reads out from a storing unit an identification
8 information list which stores identification
9 information of each of a plurality of storage media
10 included in the storage subsystem,

11 a definition information reading step which reads
12 out from the storing unit, the duplication definition
13 information which stores the identification
14 information with respect to each of the plurality of
15 storage media, and identification information of a
16 copy destination storage medium of each of the
17 plurality of storage media,

18 a comparing step which compares the
19 identification information list read out in the
20 identification information reading step, and the .

21 duplication definition information read out in the
22 duplication definition reading step,
23 an addition step in which if there exists
24 identification information that is stored in the
25 identification information list but not stored in the
26 duplication definition information in the comparing
27 step, a copy destination recording medium or the
28 storage medium having the identification information
29 is selected according to a predetermined selection
30 condition, the identification information and the
31 identification information of the copy destination
32 storage medium thus selected are added to the
33 duplication definition information, and data in the
34 storage medium having the identification information
35 is copied to the copy destination storage medium thus
36 selected, and
37 a deletion step in which if there exists
38 identification information that is not stored in the
39 identification information list but is stored in the
40 duplication definition information in the comparing
41 step, the identification information and the
42 identification information of the storage medium,
43 which is a copy destination of the storage medium
44 having the identification information, are deleted
45 from the duplication definition information, and

46 copying the data of the storage medium having the
47 identification information is stopped.

1 6. A computer which duplicates data stored in a
2 storage subsystem, comprising,
3 a first storing means which stores an
4 identification information list in which
5 identification information of each of a plurality of
6 storage media included in said storage subsystem is
7 stored,

8 a second storing means which stores duplication
9 definition information including identification
10 information with respect to each of said plurality of
11 storage media, and identification information of a
12 copy destination storage medium of each of said storage
13 media, and

14 a comparing means which compares the
15 identification information list stored in said first
16 storing means, and the duplication definition
17 information stored in said second storing means,
18 wherein,

19 if the identification information is stored in
20 said identification information list but not stored
21 in said duplication definition information, said
22 comparing means selects according to a predefined
23 selection condition, a copy destination storage medium

24 of the storage medium having the identification
25 information, adds to said duplication definition
26 information, the identification information and the
27 identification information of said copy destination
28 storage medium thus selected, and copies data in the
29 storage medium having the identification information
30 to said copy destination storage medium thus selected,
31 and

32 if there exists identification information not
33 stored in said identification information list, but
34 stored in said duplication definition information,
35 said comparing means deletes from said duplication
36 definition information, the identification
37 information and the identification information of the
38 copy destination storage medium of the storage medium
39 having the identification information, and stops
40 copying of data in the storage medium having the
41 identification information.